

Title (en)

Self-adjustable stop with damping,for movable parts

Title (de)

Selbstjustierender Dämpfungsanschlag für bewegliche Teile

Title (fr)

Butée auto-réglée à amortissement pour éléments déplaçables

Publication

**EP 0738838 B1 20011121 (DE)**

Application

**EP 96104382 A 19960320**

Priority

DE 19514944 A 19950422

Abstract (en)

[origin: EP0738838A2] The damping device has an attachment element (10) with head (18) and shaft (20). There is a casing (14) which has a device for fixing it to the part to be damped, and a receiving aperture. The casing contains a clamping element (16) which has a radially movable or deformable clamping sector (60). The clamping sector engages with the shaft of the attachment element, which can be inserted through the receiving aperture in the casing. A carrier element (12) can turn on the casing in the region of the receiving aperture. it has a through passage for the shaft, and ramp surfaces (96) which act with the clamping sector so that the shaft is firmly held axially in the casing.

IPC 1-7

**F16F 7/00**; F16B 5/06; F16B 21/02; E05F 5/06; F16B 5/02

IPC 8 full level

**E05F 5/02** (2006.01); **E05F 5/06** (2006.01); **F16B 5/02** (2006.01); **F16B 5/06** (2006.01); **F16B 21/02** (2006.01); **F16F 7/00** (2006.01); **F16F 7/08** (2006.01)

CPC (source: EP US)

**E05F 5/022** (2013.01 - EP US); **F16B 5/0208** (2013.01 - EP US); **F16F 7/00** (2013.01 - EP US); **F16F 7/08** (2013.01 - EP US); **E05Y 2900/546** (2013.01 - EP US); **F16B 21/02** (2013.01 - EP US); **Y10S 292/14** (2013.01 - EP US); **Y10T 403/606** (2015.01 - EP US)

Cited by

CN110080645A; CN111677396A; FR3011869A1; CN110953290A; EP1712433A3; CN105090310A; US9580951B2; WO2016166427A1; WO2015055921A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0738838 A2 19961023**; **EP 0738838 A3 19980506**; **EP 0738838 B1 20011121**; CA 2174308 A1 19961023; CA 2174308 C 19991012; DE 19514944 C1 19961024; DE 59608233 D1 20020103; ES 2168403 T3 20020616; US 5735511 A 19980407

DOCDB simple family (application)

**EP 96104382 A 19960320**; CA 2174308 A 19960416; DE 19514944 A 19950422; DE 59608233 T 19960320; ES 96104382 T 19960320; US 62842396 A 19960405